



PATENT
Customer No. 22,852
Attorney Docket No. 9146.0001-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
RAGHAVAN, Sreen et al.) Group Art Unit: 2685
Application No.: 10/071,771) Examiner: TRAN, Pablo N.
Filed: February 6, 2002)
For: HIGH-SPEED MULTI-CHANNEL) Confirmation No.: 3609
COMMUNICATIONS TRANSCEIVER WITH)
INTER-CHANNEL INTERFERENCE FILTER)

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), the Commissioner is hereby authorized to charge the fee of \$180.00 to Deposit Account No. 06-0916 as specified by Section 1.17(p).

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patents and patent publications are not enclosed.

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Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: March 28, 2006

By: 

Gary J. Edwards
Reg. No. 41,008

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Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

2

Application Number

10/071,771

Filing Date

February 6, 2002

First Named Inventor

RAGHAVAN, Sreen

Art Unit

2685

Examiner Name

TRAN, Pablo N.

Attorney Docket Number

9146.0001-02

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

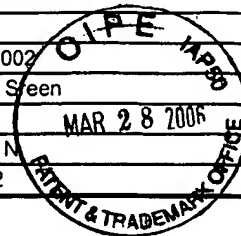
| Examiner Initials | Cite No. ¹ | Document Number | Issue or Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|----------------------|--------------------------|--|--|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | | US 2004/0130483 A1 | 07-08-2004 | Brilka et al. | |
| | | US-4,599,732 | 07-08-1986 | LeFever | |
| | | US-4,995,031 | 02-19-1991 | Aly et al. | |
| | | US-5,535,228 | 07-09-1996 | Dong et al. | |
| | | US-5,604,768 | 02-18-1997 | Fulton | |
| | | US-5,715,280 | 02-03-1998 | Sandberg et al. | |
| | | US-5,844,950 | 12-01-1998 | Aono et al. | |
| | | US-5,852,629 | 12-22-1998 | Iwamatsu | |
| | | US-5,930,231 | 07-27-1999 | Miller et al. | |
| | | US-6,044,112 | 03-28-2000 | Koslov | |
| | | US-6,121,828 | 09-19-2000 | Sasaki | |
| | | US-6,128,114 | 10-03-2000 | Wingo | |
| | | US-6,160,820 | 12-12-2000 | Isaksson et al. | |
| | | US-6,351,677 B1 | 02-26-2002 | Leyonhjelm et al. | |
| | | US-6,407,843 B1 | 06-18-2002 | Rowan et al. | |
| | | US-6,438,174 B1 | 08-20-2002 | Isaksson et al. | |
| | | US-6,441,683 B1 | 08-27-2002 | Hwang et al. | |
| | | US-6,477,207 B1 | 11-05-2002 | Lindholm | |
| | | US-6,522,702 B1 | 02-18-2003 | Maruyama | |
| | | US-6,647,071 B2 | 11-11-2003 | Sommer et al. | |
| | | US-6,807,234 B2 | 10-19-2004 | Hansen | |
| | | US-6,831,954 B1 | 12-14-2004 | Mandyam | |

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.Examiner
SignatureDate
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| S Form PTO/SB/08: Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 10/071,771 |
| | | | | Filing Date | February 6, 2002 |
| | | | | First Named Inventor | RAGHAVAN, Seen |
| | | | | Art Unit | 2685 |
| | | | | Examiner Name | TRAN, Pablo N |
| | | | | Attorney Docket Number | 9146.0001-02 |
| Sheet | 2 | of | 2 | | |



| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|--|--------------------------|
| Examiner Initials | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation ⁹ |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | WO 2004/109948 A2 | 12-16-2004 | Vativ Technologies, Inc. | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|--------------------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation ⁹ |
| | | Final Office Action mailed November 15, 2005 in U.S. Appl. No. 09/904,432 (Our ref. 9146-01-00). | |
| | | Response to Final Office Action filed February 15, 2006 in U.S. Appl. No. 09/904,432 (Our ref. 9146-01-00). | |
| | | Examination Report for EP Appl. No. 02 748 158.9, dated December 8, 2004 (Our ref. 9146.01-155), 5 pages. | |
| | | Response to Examination Report for EP Appl. No. 02 748 158.9, dated July 5, 2005 (Our ref. 9146.01-155), 23 pages. | |
| | | Second Examination Report for EP Appl. No. 02 748 158.9, dated March 14, 2006 (Our ref. 9146.01-155), 10 pages. | |
| | | Article 34 Amendment for WO Appl. No. PCT/US02/22339, filed December 18, 2003 (31 pages). | |
| | | Written Opinion for WO Application No. PCT/US02/22339, dated February 13, 2004 (11 pages). | |
| | | International Preliminary Examination Report for WO Application No. PCT/US02/22339, dated September 17, 2004 (24 pages). | |
| | | Response to Office Action dated October 28, 2005 in U.S. Appl. No. 09/965,242 (Our ref. 9146-01-01). | |
| | | Final Office Action mailed January 30, 2006 in U.S. Appl. No. 09/965,242 (Our ref. 9146-01-01). | |
| | | Taiwanese Office Action granting acceptance for Appl. No. 91115102, dated July 13, 2005 (4 pages). | |
| | | Taiwanese Response to Official Letter for Appl. No. 91115102, dated May 26, 2005 (6 pages). | |
| | | Taiwanese Official Letter for Appl. No. 91115102, dated May 3, 2005 (3 pages). | |
| | | International Preliminary Report on Patentability for WO Application No. PCT/US2004/014538, mailed December 22, 2005 (8 pages). | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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